

FIG. 1

FIG. 3

$$\begin{aligned}
 t_{11} &= a_{11}r_{11} + a_{12}r_{21} + \dots + a_{1d}r_{d1} \\
 t_{1k} &= a_{11}r_{1k} + a_{12}r_{2k} + \dots + a_{1d}r_{dk} \\
 t_{21} &= a_{21}r_{11} + a_{22}r_{21} + \dots + a_{2d}r_{d1} \\
 t_{2k} &= a_{21}r_{1k} + a_{22}r_{2k} + \dots + a_{2d}r_{dk} \\
 t_{31} &= a_{31}r_{11} + a_{32}r_{21} + \dots + a_{3d}r_{d1} \\
 t_{3k} &= a_{31}r_{1k} + a_{32}r_{2k} + \dots + a_{3d}r_{dk} \\
 t_{n1} &= a_{n1}r_{11} + a_{n2}r_{21} + \dots + a_{nd}r_{d1} \\
 t_{nk} &= a_{n1}r_{1k} + a_{n2}r_{2k} + \dots + a_{nd}r_{dk}
 \end{aligned}$$

304

$$\begin{array}{c}
 \text{d=6} \\
 \text{n=3} \quad \left[\begin{array}{cccc} 5 & 7 & 3 & 2 & 4 & 6 \\ 1 & 4 & 9 & 7 & 2 & 8 \\ 2 & 5 & 6 & 3 & 7 & 4 \end{array} \right] \quad \mathbf{x} \quad \text{d=6} \\
 \text{401} \quad \nearrow
 \end{array}$$

$$\begin{array}{c}
 \text{d=6} \\
 \text{n=3} \quad \left[\begin{array}{cccc} 1 & 0 & 1 \\ 0 & 0 & 0 \\ 1 & 0 & 0 \end{array} \right] \quad = \quad \left[\begin{array}{ccc} 0 & 0 & 0 \\ -1 & 0 & 0 \\ -1 & -1 & 0 \end{array} \right] \\
 \text{402} \quad \searrow
 \end{array}$$

$$\begin{array}{c}
 \left[\begin{array}{cccc} 5+ & 0+ & 3+ & 0+ & -4+ & -6 \\ 1+ & 0+ & 9+ & 0+ & -2+ & -8 \\ 2+ & 0+ & 6+ & 0+ & -7+ & -4 \end{array} \right] \\
 \text{404} \quad \nearrow
 \end{array}$$

$$\begin{array}{c}
 \left[\begin{array}{ccc} 0+ & 0+ & 0+ \\ 0+ & 0+ & 0+ \\ 0+ & 0+ & 0+ \end{array} \right] \quad = \quad \left[\begin{array}{ccc} 0+ & 0+ & 0+ \\ -8 & 1+ & 0+ \\ -4 & 2+ & 0+ \end{array} \right] \\
 \text{403} \quad \searrow
 \end{array}$$

FIG. 4

3
K

$$d=6 \quad \begin{bmatrix} 5 & 7 & 3 & 2 & 4 & 6 \\ 1 & 4 & 9 & 7 & 2 & 8 \\ 2 & 5 & 6 & 3 & 7 & 4 \end{bmatrix}$$

501

$$\begin{array}{l}
 d=6 \\
 \begin{bmatrix} 7 & 3 & 2 & 4 & 6 \\ 4 & 9 & 7 & 2 & 8 \\ 5 & 6 & 3 & 7 & 4 \end{bmatrix} \times \begin{bmatrix} -1 & 1 & 1 \\ -1 & -1 & 1 \\ 1 & -1 & -1 \\ 1 & 1 & 1 \\ -1 & 1 & 1 \\ 1 & -1 & -1 \end{bmatrix} = \begin{bmatrix} 50 \\ 50 \\ 50 \end{bmatrix}
 \end{array}$$

502

$$\begin{bmatrix} -5+ & -7+ & 3+ & 2+ & -4+ & 6 & 5+ & -7+ & -3+ & -2+ & 4+ & -6 & 5+ & 7+ & -3+ & 2+ & 4+ & -6 \\ -1+ & -4+ & 9+ & 7+ & -2+ & 8 & 1+ & -4+ & -9+ & -7+ & 2+ & -8 & 1+ & 4+ & -9+ & 7+ & 2+ & -8 \\ -2+ & -5+ & 6+ & 3+ & -7+ & 4 & 2+ & -5+ & -6+ & -3+ & 7+ & -4 & 2+ & 5+ & -6+ & 3+ & 7+ & -4 \end{bmatrix}$$

三

$$\begin{bmatrix} -5 & -9 & 9 \\ 17 & -25 & -3 \\ -1 & -9 & 7 \end{bmatrix}$$

504

$$n=3 \quad \begin{bmatrix} -5 & -9 & 9 \\ 17 & -25 & -3 \\ -1 & -9 & 7 \end{bmatrix} \quad \begin{matrix} \\ \\ \curvearrowleft 503 \end{matrix}$$

FIG. 5

6
FIG.

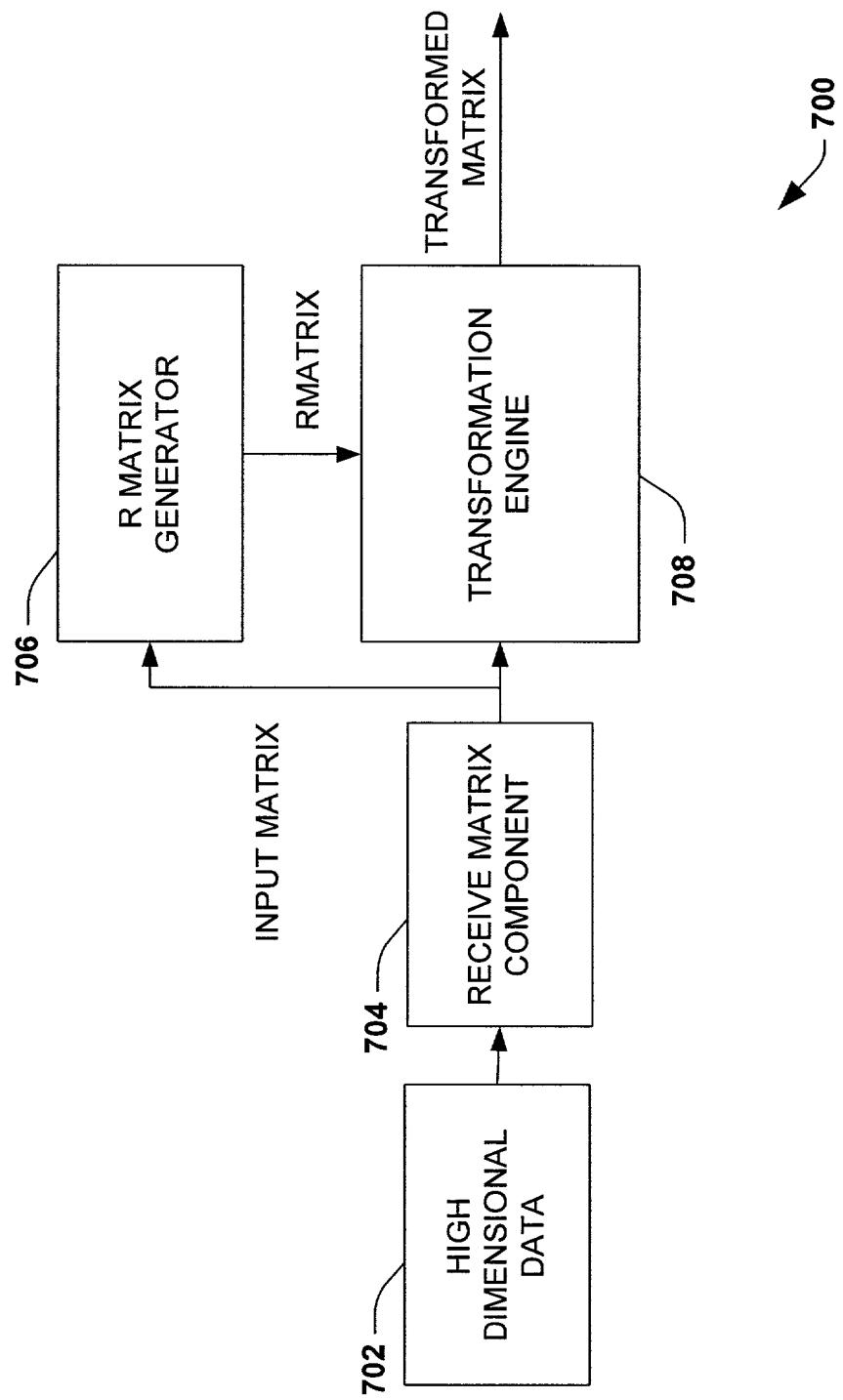


FIG. 7

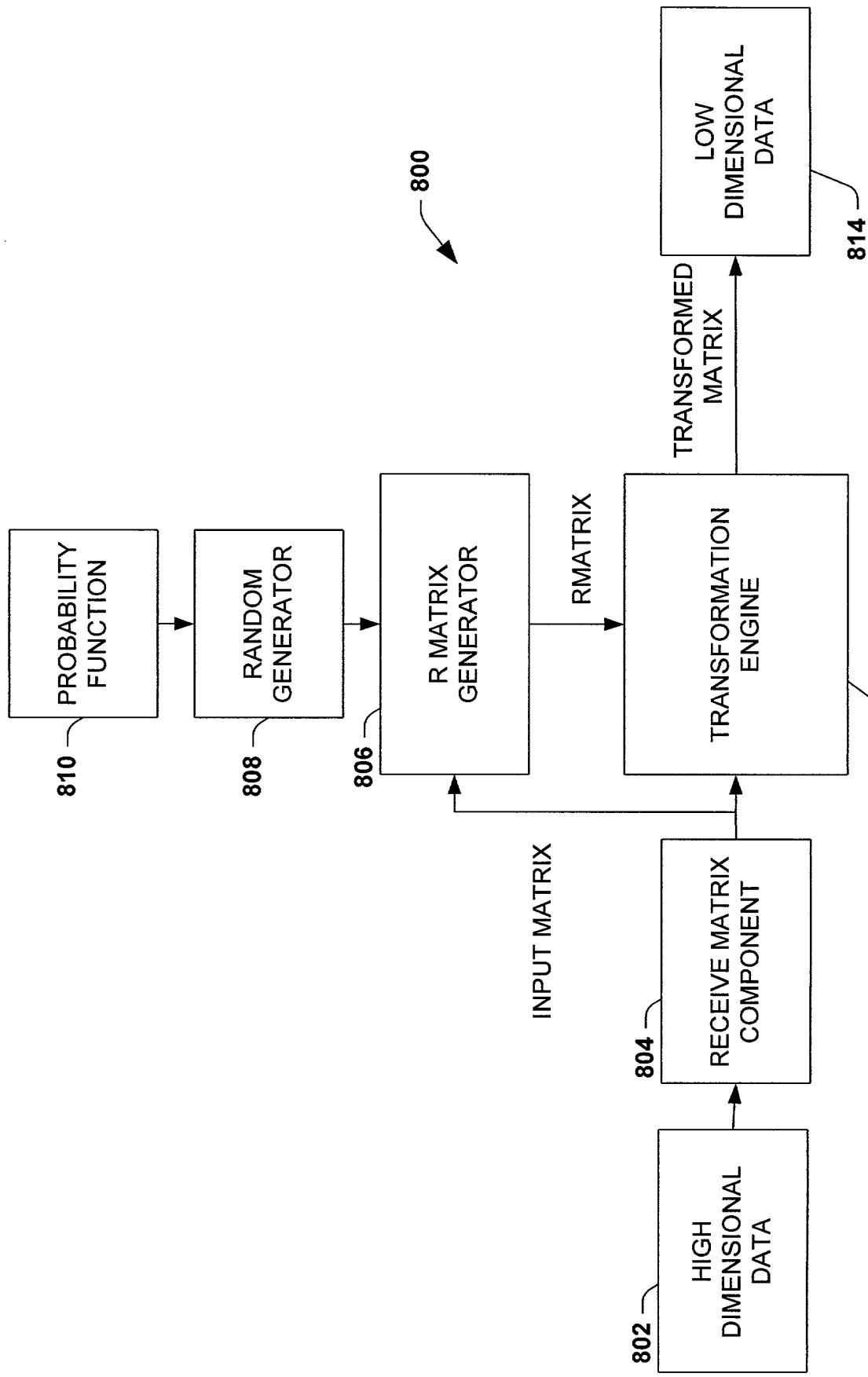


FIG. 8

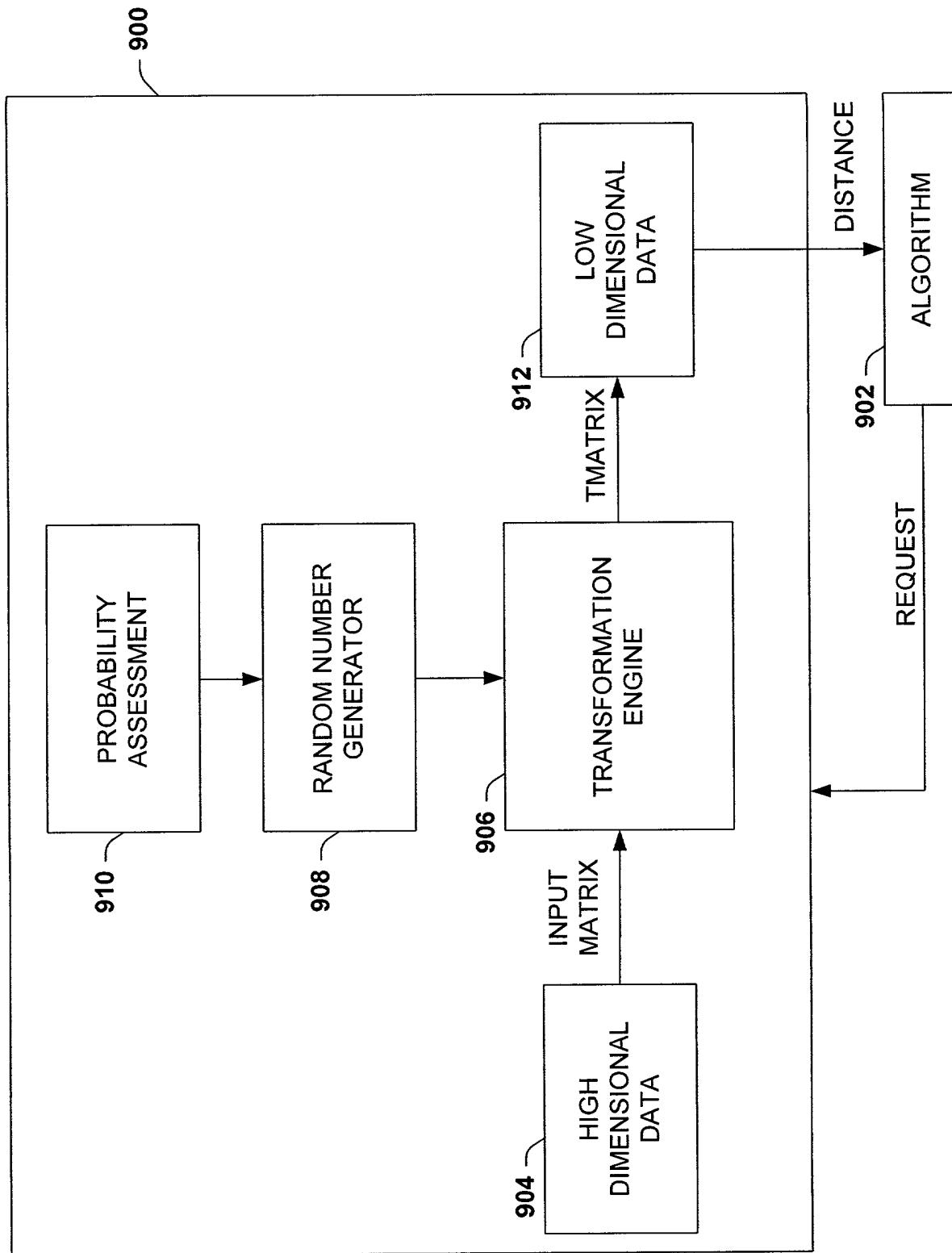
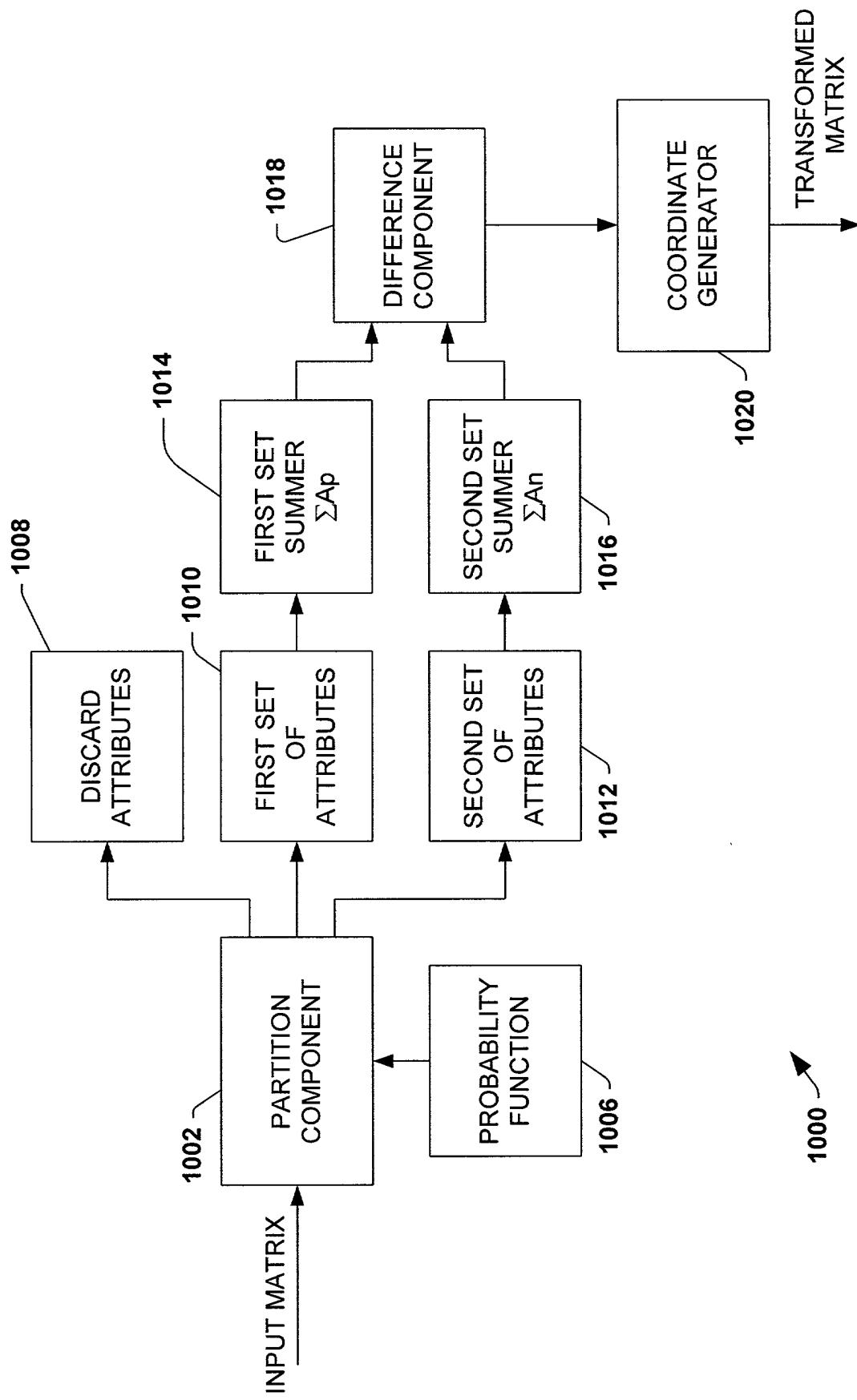


FIG. 9

FIG. 10



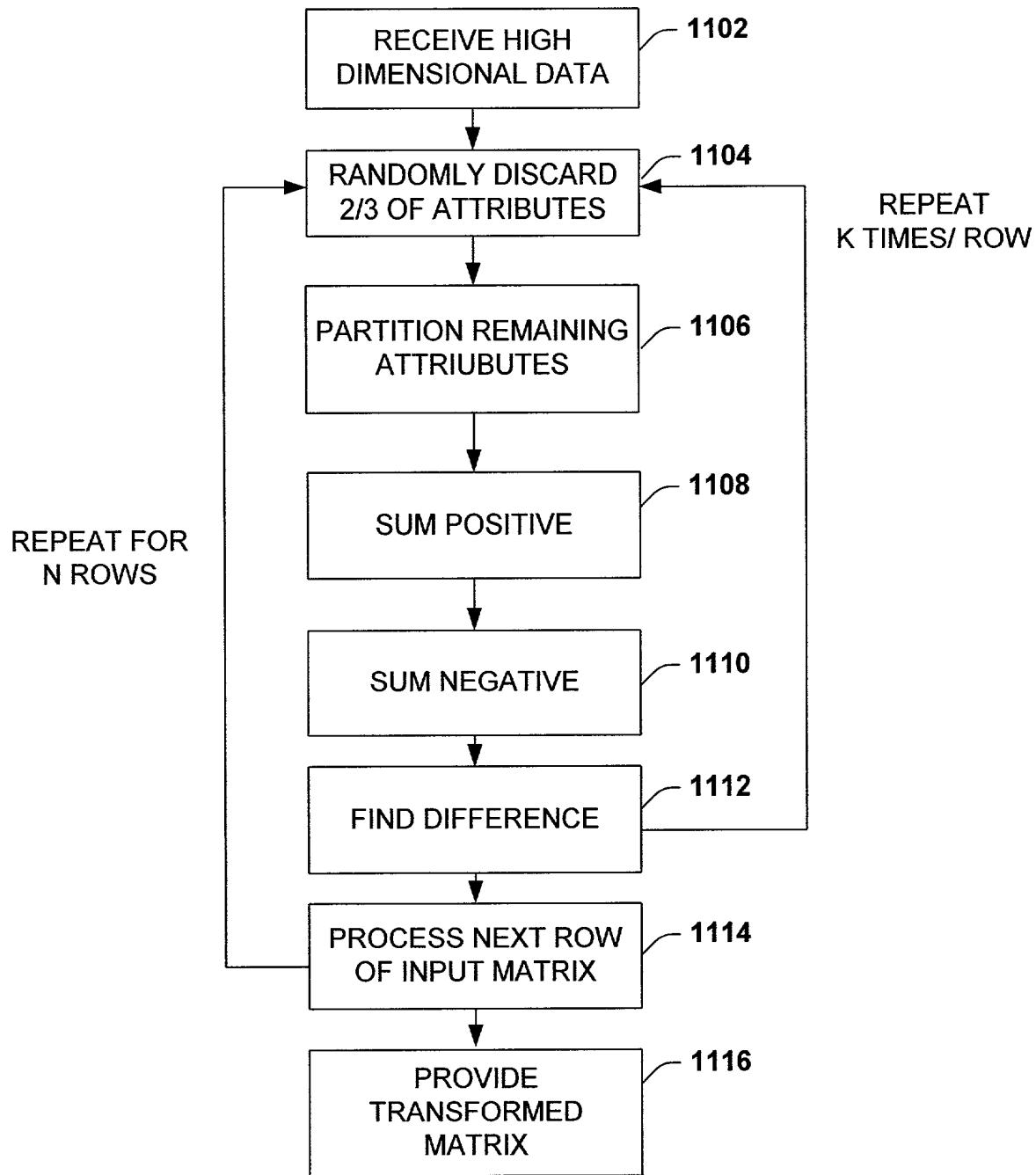
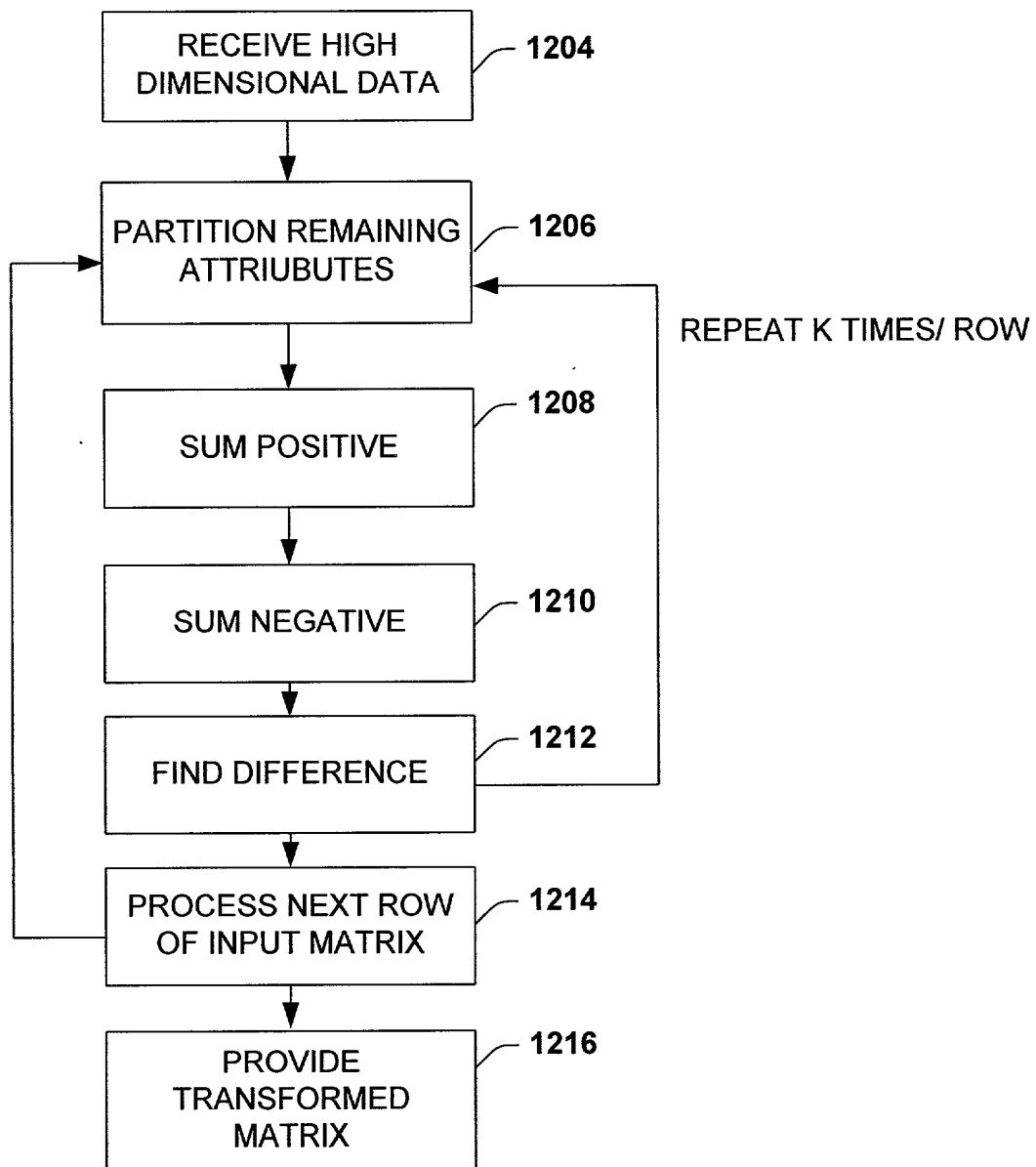
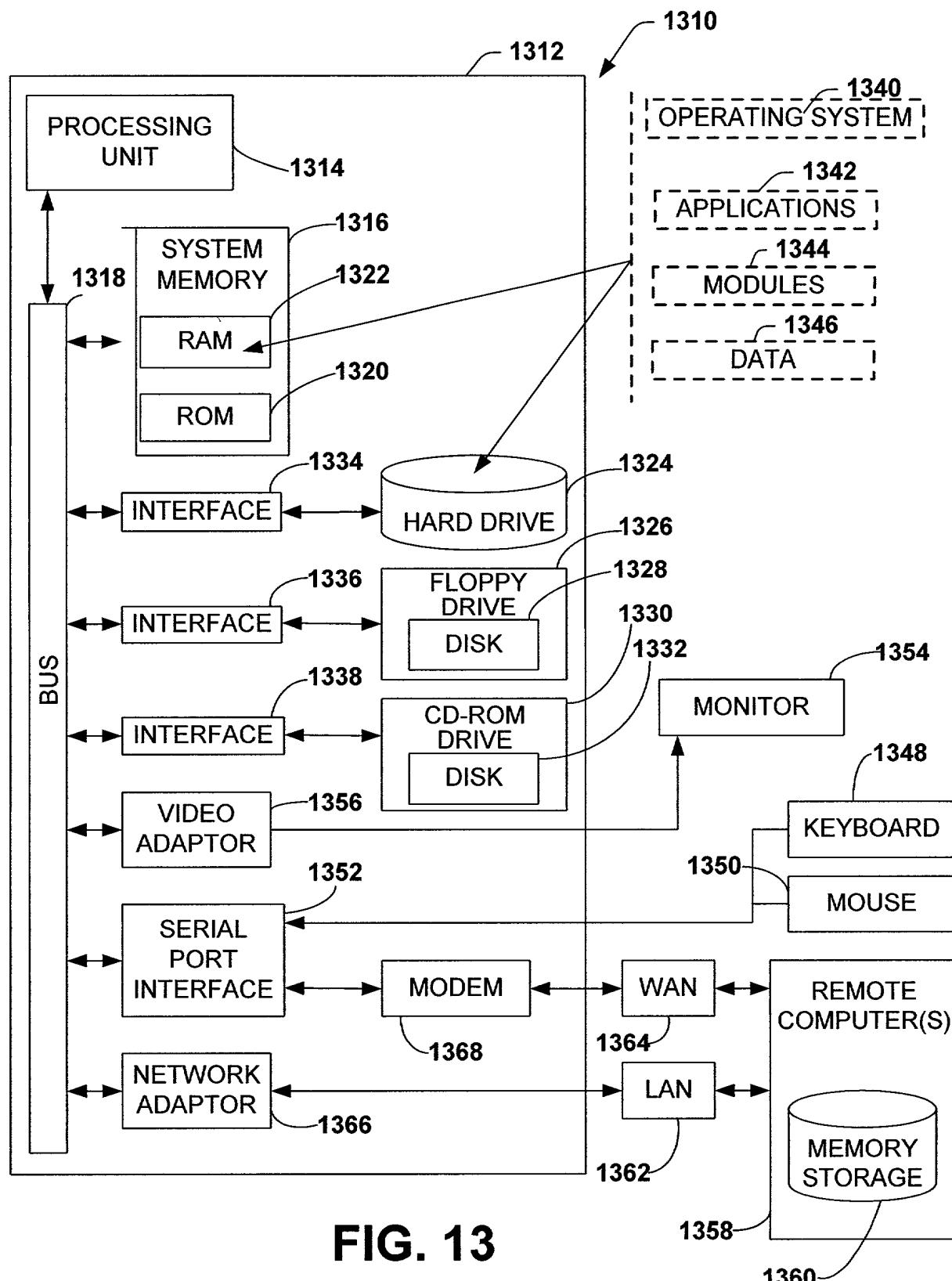


FIG. 11

**FIG. 12**

**FIG. 13**

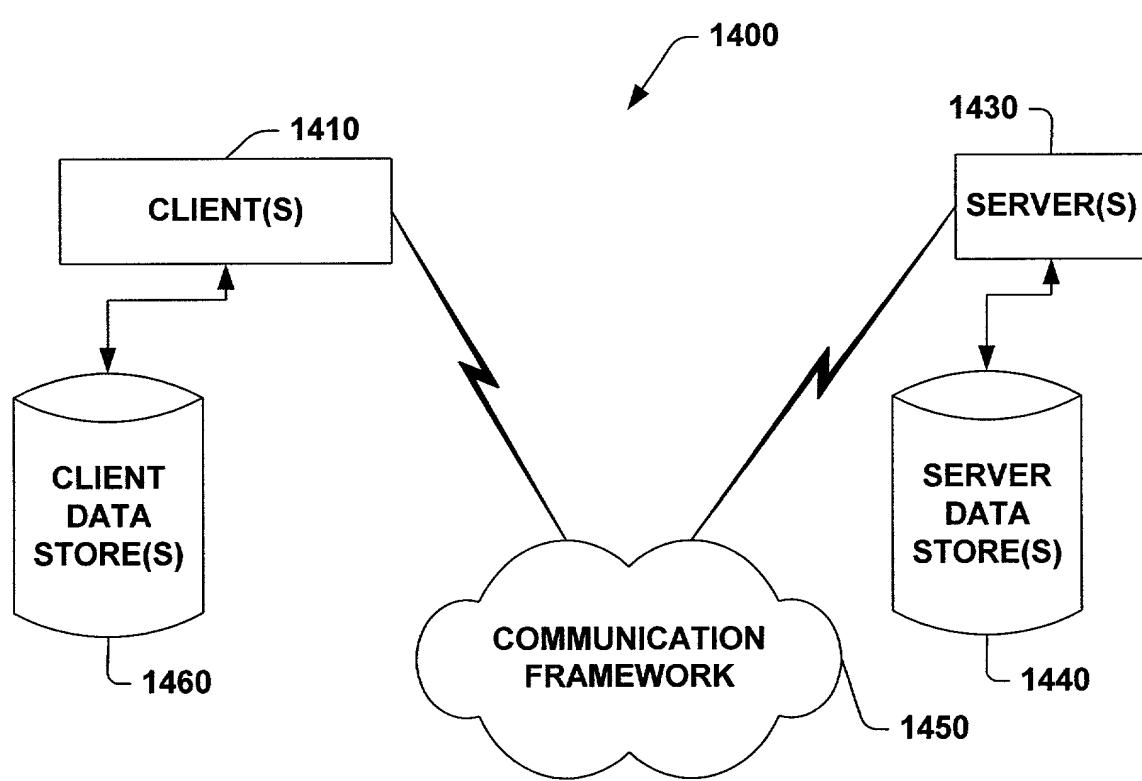


FIG. 14